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Application Number	10/723,315			
Filing Date	November 25, 2003			
First Named Inventor	Bocian, David F.			
Title	HIGH DENSITY NON-VOLATILE MEMORY			
Art Unit	2818			
Examiner Name	Huan Hoang			
Attorney Docket Number	407T-894302US			

		Attorne	ey Docket Num	ber			7-894302US
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I hereby appoint: Practitioners associated OR	with the Customer Number:	1				AUG	1 7 2004
Practitioner(s) named below.		PATE	NT TRADEHARK OFFICE	;	`	Bet & D	RADEMARKOW
	Name			Regis	stration N	umber	SGIJ Austra
as my/our attorney(s) or agent(Trademark Office connected the	s) to prosecute the application ide erewith.	ntified a	above, and to tra	ansact all bu	usiness ir	n the Ur	nited States Patent and
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Country	Alameda		State	CA		Zip	94501
Telephone	United States		Fax	(610) 227	7077		
Lam the:	(510) 337-7871			(510) 337	-/8//		
Applicant/Inventor.							
Assignee of record of Statement under 37 C	the entire interest. See 37 CFR 3. FR 3.73(b) is enclosed. (Form PT	71. O/SB/9	6)				
	SIGNATURE of Ap		or Assignee o	f Record			
	on, Manager, Patent Prosecuti	on					
Signature Sunda	Stevenson			<u> </u>			
Date Augus				Telepi			- 587 - 6000
NOTE: Signatures of all the inventor forms if more than one signature is	rs or assignees of record of the entire i required, see below*.	nterest c	or their representat	tive(s) are rec	uired. Sub	omit mult	iple
*Total of forms are submitted.							
	CERTIFIC	ATE	OF MAILING	<u> </u>			
	pondence is being facsimile transmitted envelope addressed to: Commissioner						

Typed or Printed Name	Chianti Applipe	/		
Signature	PPD		Date	8/12/01
				9/10/

Approved for use through 09/30/02000. OMB 0651-0031 STATEMENT UNDER 37 CFR 3.73(b)

' App	olicant:	Bocian, David F., et a	al.	
Арр	olication No.:	10/723,315	Filed:	November 25, 2003
Enti	itled: HIG	H DENSITY NON-VOI	LATILE MEMORY DEVICE	
	e Regents o California	f the University , a	Unive	rsity
	(Name of	Assignee)	(Type of Assignee, e.g., corporation, partner	ship, university, government agency, etc.)
states	that it is:			
1. X	the ass	signee of the entire rig	ht, title, and interest; or	
2.	an ass	ignee of an undivided	part interest	
in the p	oatent applic	ation identified above	by virtue of either:	
A. [X]	assignmen		(s) of the patent application id Patent and Trademark Office	
B.[]		title from the inventor(signee as shown belov	s), of the patent application idex:	entified above, to the
1.	The docum		To:he Patent and Trademark Officor which a copy thereof is attac	
2.			To:he Patent and Trademark Officor which a copy thereof is attack	
3.			To:he Patent and Trademark Officor which a copy thereof is attached	
[]	Additional	documents in the chai	n of title are listed on a supple	emental sheet
[X]Co	pies of assig	gnments or other docu	ments in the chain of title are	attached.
The un		whose title is supplied	below) is empowered to sign to	this statement on behalf of
	- Aug	Date 10, 2004	// Signatur	Stevenson
			Linda S. Stev	····
			Typed or printe Manager, Patent F	
			Title	103coutton

ASSIGNMENT

U.C. Case No. <u>99-022-3</u> Attorney Docket No. 407T-894302US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Lindsey, Jonathan

hereby sells, assigns and transfers to ASSIGNEE, The North Carolina State University, having its statewide administrative offices located 2401 Research Drive, Raleigh, NC 27695-7003, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:
TITLE: HIGH DENSITY NON-VOLATILE MEMORY DEVICE
and which is found in
(a) U.S. provisional application filed herewith and listing the above named persons as inventors
(b) U.S. patent application filed herewith and listing the above named persons as inventors
(c) X U.S. application serial no. 10/723,315, filed on November 25, 2003
(d) U.S. Patent No.:, issued
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.
executed this Signature of Inventor(s)
25 day of March, 2004 Lindsey, Jonathan

ASSIGNMENT

U.C. Case No. 99-022-3 Attorney Docket No. 407T-894302US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Bocian, David F. 2. Kuhr, Werner G.

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and

	f the ASSIGNEE all of its right, title and interest for the United States untries in and to, any and all improvements which are disclosed in the
TITLE: HIGH DENSITY NON-VOLATILE MEN	MORY DEVICE
and which is found in	
(a) U.S. provisional application filed here	with and listing the above named persons as inventors
(b) U.S. patent application filed herewith	and listing the above named persons as inventors
(c) X U.S. application serial no. 10/723,315	, filed on November 25, 2003
(d) U.S. Patent No.: , issued	
Patent to be obtained for said invention by the a	ntry, including the right to claim priority and, in and to, all Letters bove application or any continuation, division, continuation-in-part, ate thereof, and any reissue, reexamination or extension of said Letters tions for the Protection of Industrial Property;
ASSIGNOR(S) hereby covenants that no assignmentered into which would conflict with this assignment.	nent, sale, agreement or encumbrance has been or will be made or nent;
and documents relating to said invention and said to ASSIGNOR and will testify as to the same in promptly execute and deliver to ASSIGNEE or required to apply for, obtain, maintain, issue or entequivalents thereof which may be necessary or determined to the said of the	E will, upon its request, be provided promptly with all pertinent facts. Letters Patent and legal equivalents as may be known and accessible any interference, litigation, or proceeding relating thereto and will its legal representative any and all papers, instruments or affidavits force said application, said invention and said Letters Patent and said esirable to carry out the purposes thereof. An attorney of record is assignment to insert into this assignment the filing date and serial
	oner of Patents and Trademarks to issue said Letters Patent of the to the ASSIGNEE, The Regents of the University of California.
executed this	Signature of Inventor(s)
23 day of March, 2004	Beclan, David F.
day of . 2004	

Kuhr, Werner G.

ASSIGNMENT

U.C. Case No. 99-022-3 Attorney Docket No. 407T-894302US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Bocian, David F. 2. Kuhr, Werner G.

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and

the successors, assigns and legal representatives of the ASSIGN and its territorial possessions and in all foreign countries in and invention entitled:	NEE all of its right, title and interest for the United States to, any and all improvements which are disclosed in the
TITLE: HIGH DENSITY NON-VOLATILE MEMORY DEV	ICE :
and which is found in	
(a) U.S. provisional application filed herewith and list	ing the above named persons as inventors
(b) U.S. patent application filed herewith and listing the	e above named persons as inventors
(c) X U.S. application serial no. $10/723,315$, filed on N	ovember 25, 2003
(d) U.S. Patent No.:, issued	
and any legal equivalent thereof in a foreign country, includi Patent to be obtained for said invention by the above applica extension, conversion to 35 USC 111(a) or substitute thereof, at Patent and all rights under all International Conventions for the	ation or any continuation, division, continuation-in-part, and any reissue, reexamination or extension of said Letters
ASSIGNOR(S) hereby covenants that no assignment, sale, as entered into which would conflict with this assignment;	greement or encumbrance has been or will be made or
ASSIGNOR(S) further covenants that ASSIGNEE will, upon and documents relating to said invention and said Letters Pater to ASSIGNOR and will testify as to the same in any interfer promptly execute and deliver to ASSIGNEE or its legal reprequired to apply for, obtain, maintain, issue or enforce said apequivalents thereof which may be necessary or desirable to cauthorized and requested by the execution of this assignment number of said application when officially known.	nt and legal equivalents as may be known and accessible rence, litigation, or proceeding relating thereto and will resentative any and all papers, instruments or affidavits plication, said invention and said Letters Patent and said arry out the purposes thereof. An attorney of record is
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Pate United States and any reissue or extension thereof to the ASSIC	nts and Trademarks to issue said Letters Patent of the NEE, The Regents of the University of California.
executed this	Signature of Inventor(s)
day of, 2004	Bocian, David F.
<u>30</u> day of <u>June</u> , 2004	Medil